

Stars In The Night Awards Announced

By LINDA MILLS
Kernel Staff Writer

Scholarship recipients, new members of women's honoraries, and special award winners will be presented at the annual Stars in the Night program March 11.

Academic scholarship awards will be made by the Kappa Alpha Theta Mothers' Club, Links, Delta Delta Delta, and Chi Omega.

New members will be tapped in the Cwens, sophomore women's honorary; Links, junior women's honorary; and Mortar Board, senior women's honorary. Membership in these organizations is based on academic achievement and participation in campus activities.

Alpha Lambda Delta, freshman women's scholastic honor society, will recognize its new initiates.

Individual awards for leadership include the Delta Zeta Outstanding Woman of the Year, the Pi Beta Phi Alumnae Club Outstanding Unaffiliated Freshman, the Alpha Gamma Delta Gwen Allen Memorial Award to the Outstanding Sophomore Woman, and the Kappa Kappa Gamma Pattie Libus Berryman Award to the Outstanding Unaffiliated Upperclasswoman.

Awards in education include the Mary K. Duncan award and the Kappa Delta Pi Education award presented by Kappa Delta Pi, the Kentucky Student Education Association Ester Adams Education Award, and the Phi Delta Kappa Outstanding Woman in Education award.

Other departmental awards include the Phi Upsilon Omicron

Cornell award in home economics, the Zeta Tau Alpha Book Award in medical technology, the Alpha Xi Delta award in creative arts, and the College of Nursing Outstanding senior award.

Additional scholarship-leadership presentations will be The YWCA outstanding member, the Alpha Lambda Delta Senior Book Award to the senior woman with the highest academic average for 4 years, the Alpha Lambda Delta senior certificates to seniors with a 3.5 or better academic standing, the Panhellenic Scholarship achievement and Scholarship Improvement awards, and the Mortar Board senior service awards.

Delta Gamma will present an aid to the blind award.

Honored at the program will be the new AWS senate members, the women members of the Student Center Board, and the new freshman advisers.

Sallie List, chairman of the Stars in the Night Steering Committee will be the mistress of ceremonies. Diane Davidson, senior music major, will sing at the beginning of the program.

The program will begin at 7 p.m. in Memorial Hall. Special invitations have been sent to the parents of those to be honored.

The Kentucky KERNEL

University of Kentucky

Vol. LV, No. 82

LEXINGTON, KY., TUESDAY, MARCH 3, 1964

Eight Pages



Circle K

Larry Kelly, president of Circle K, is shown receiving an award from Howard Orme, president of Kiwanis Club of Lexington, as Ed Glascock, vice

president, left, and Joe Humphrey, secretary, observe the presentation. Circle K is the Kiwanis organization for the University.

NCAA

Orders Accepted For Regional

Mail orders are now being accepted at the UK Ticket Office for the NCAA Regional Tournament. 1,000 tickets are expected.

The tickets will be placed on over-the-counter sales at the Coliseum ticket office as soon as they arrive. No telephone orders will be accepted.

The tickets are \$6 for both nights. No single tickets will be sold.

Mail orders should include 25 cents for handling charges. They should be addressed to UK Ticket Office, Coliseum, Lexington.

Top Independent

Thursday is the deadline to turn in nomination forms for the outstanding independent, an award to be presented this year for the first time at Men's Award Night.

These forms are available in Fred Strache's office in the Office of the Dean of Men.

Students and faculty members are urged to make nominations. A nominee must be a junior, senior, or graduate student.

23 Pledge UK's Fraternities

Twelve of the University's 19 fraternities have pledged — 23 men since this semester's pledging rules went into effect, according to the Office of the Dean of Men.

Under the new rules, fraternities can pledge any rushee un-

til one week before finals. Any one pledged after March 1 will be held over until next September.

The following were pledged.

Alpha Tau Omega—Robert Eugene Leitner, Louisville.

Delta Tau Delta—James Edward Pope, Louisville.

Farmhouse—Jerome Applegate, Tollesboro; Frankie Ham, Olstead; and William Edgar Sharp III, Georgetown.

Kappa Sigma—Paul Edgar Thompson, Ashland.

Lambda Chi Alpha—Larry Joe Burton, Corbin; and Wallace Kent Hicks, Corbin.

Phi Sigma Kappa—Stanley Patrick Reister, Louisville; and Donald Graham Wilkins, Mayfield.

Sigma Alpha Epsilon—James Edward Adkins I, Gattlettsburg.

Sigma Chi—Thomas Richard Alexander, Glasgow.

Sigma Nu—Arnold Edwin Johnson, Newfoundland.

Sigma Phi Epsilon—Charles Edward Neal, Lexington.

Tau Kappa Epsilon—Kirk Brasfield Moberly Jr., Richmond; William Davis Schulz, Ashland; and Kenneth Norman Warren, Hopkinsville.

Triangle—Beverly Quenton Allen, Winchester; William Lewis Geiger Russell, Ashland; Richard Lee Collett, Broadhead; and Wallace Hampton, Manchester.

Zeta Beta Tau—Sidney Byron Jacobs, Louisville; and Charles Richard Weneske Jr., Irvington, N. J.

LKD

Bike Race Forms Due In Today

Entry forms for the Little Kentucky Derby bicycle race are due in by 5 p.m. today to the LKD office, Room 116 of the Student Center.

Moot Court Round Scheduled Tomorrow

The semi-final round of competition in the College of Law's annual Moot Court Arguments will be held at 7:30 p.m. tomorrow in the Lafferty Hall Courtroom.

The three judge court will consist of Dean W. L. Matthews Jr., Circuit Judge Scott Reed, and Gibson Downing, of Stoll, Kennoa and Park.

The participants are Sidney Easley, Kirksey; Daniel Yates, Lexington; Fred Zopp, Lexington; C. Michael Miller, Bardstown; Richard Lewis, Princeton; Cecil Dunn, Richmond; Joe Day Harkins, Prestonsburg; Arnold Taylor, Covington.

The argument involves two questions. The first is whether the manufacturer of a defective automobile is liable without fault to the injured borrower of a defective automobile even though there is no privity of contract between the borrower and the manufacturer?

The second is whether a section of a Sunday Closing Law which exempts those persons who observe, as a matter of religious practice, the period from sundown Friday to sundown Saturday as a day of rest denies equal protection of the law as provided for in the Fourteenth Amendment, and is thus unconstitutional?

The competition is open to the public.



AWS Election

Associated Women Students' elections will be held tomorrow to fill positions for the coming year. Candidates for the two top posts are, seated, Sue

Price, vice president; back row, from the left, Ann Armstrong, president, Sandy Brock, president, and Jimmie Parrot, vice president.

800 High Schoolers Expected For Clinic

More than 800 high school students from throughout Kentucky are expected to attend the annual State High School Press Clinic on March 13 at the University.

All sessions of the clinic, which is sponsored by the Kentucky High School Press Association, will be held in the UK School of Journalism.

Faculty members of the school will give instruction in such subjects as writing news and features, vocabulary development, advertising, publications advising, the newspaper as a classroom teaching aid, interviewing, controlling printing costs, and other aspects of journalism.

Any Kentucky high school producing or planning to produce a student newspaper is eligible to send students to the clinic. Dr. Niel Plummer, director of the School of Journalism, said.

Registration fee for each school is \$2.50 for the first two representatives, and \$1 each for all additional delegates. Fees are payable at the clinic for registration forms should be returned by March 6.

School officials desiring an evaluation session for their papers should send three copies to the School of Journalism not later than March 4.

Sigma Delta Chi, men's journalism honorary, will present awards to the best school papers in three categories based on school enrollment. Further information may be obtained by writing Dr. Plummer at the UK School of Journalism.

Placement Announces Interviews

Mrs. Katherine Kemper, director of the University placement service announces the following interviews for this week.

TODAY

Bureau of Reclamation—Civil, electrical, mechanical engineering at B.S., M.S. levels. Citizenship required.

General Dynamics, Astronautics—Civil, electrical, mechanical, nuclear engineering at B.S., M.S. levels. Citizenship required. (Will not interview ROTC graduates).

College Life Insurance Company of America—Graduates in education, journalism, radio arts, recreation, sociology, commerce interested in training for sales management positions. Citizenship required.

ship required.

Newport News Shipbuilding and Dry Dock Co.—Electrical, mechanical, metallurgical engineering at B.S., M.S. levels for research, design, development, inspection, testing.

Westinghouse Electric Corp.—Electrical, mechanical, nuclear engineering at B.S., M.S. levels. Citizenship required.

MARCH 3-4

Ford Motor Co.—Finance, business management, economics, accounting, business administration, general business, industrial administration, statistics for financial management (schedule 1, March 3); marketing, statistics, economics, business administration, general business, mathematics, industrial management for marketing or sales (Schedule 2, March 3); business management, economics, statistics, industrial administration, finance, general business, personnel, purchasing for purchasing, traffic, production control, etc. (Schedule 3, March 3); agricultural, mechanical, chemical, industrial, electrical, metallurgical engineering, advanced degrees in chemistry, mathematics, physics for manufacturing (Schedule 1, March 4); agricultural, mechanical, chemical, electrical, metallurgical engineering; advanced degrees in mathematics, chemistry, physics for product, research engineering (Schedule 2, March 4).

MARCH 4

Carnation Co.—Dairy manufacturing; chemistry; marketing, merchandising, sales; mechanical engineering. Citizenship required.

Dayton and Montgomery County Public Library (Ohio)—Library science at B.S., M.S. levels.

Port Huron Area Public Schools (Michigan)—Teachers in all fields, including special education.

Travelers Insurance Companies—Men and women in mathematics for actuarial, electronics, research fields; graduates in all fields interested in insurance administration, claims, data processing, sales and service, underwriting.

Western Union—Electrical and mechanical engineering.

MARCH 4-5

Procter and Gamble—Journalism, mathematics, psychology, radio arts, sociology at B.S., M.S. levels for general business departments (Schedule 1, March 4); chemical, electrical, mechanical engineering at B.S., M.S. levels for manufacturing, technical departments (Schedule 2, March 4); Men in all fields interested in sales (Schedule 3, March 4, 5).

MARCH 5

Arthur Andersen and Co.—Accounting at B.S., M.S. levels; engineering, law with accounting.

Baltimore Co. Schools (Maryland)—Teachers in all fields and at all levels.

Hallmark Cards, Inc. (Art department)—Art, commercial art, fine arts, art education graduates for art design of Hallmark products.

NASA To Train 8 UK Students

The University is one of 135 institutions of higher learning in 17 states which will participate in the National Aeronautics and Space Administration's graduate training program for the academic year, 1964-65.

Dr. A. D. Kirwan, dean of the UK Graduate School and acting director of the Kentucky Research Foundation, said eight students will be chosen by April 1 to enter the program at UK in September. He added that the eight new graduate students or individuals who have had no more than one semester of graduate work—will be chosen from nominees from UK and other schools.

The possible space-related areas of predoctoral study include mathematics, botany, metallurgy, physics, chemistry, biochemistry, psychology and physiology-biophysics, Dr. Kirwan said.

Each graduate student chosen

for the program will receive a NASA stipend of \$2,400 for 12 months of training. There will be additional allowances for dependents.

Horizons '64

"Reflections on Beatie-Mania" will be presented in a speech by Dr. Robert Lee White, assistant professor of English at the University at 4 p.m. tomorrow in Room 206 of the Student Center as part of the Horizons '64 series.

Dr. White received his B.A. from the University of Louisville and did his graduate work at the University of Minnesota. He has been at the University since 1959 and is currently teaching courses in American literature and creative writing.

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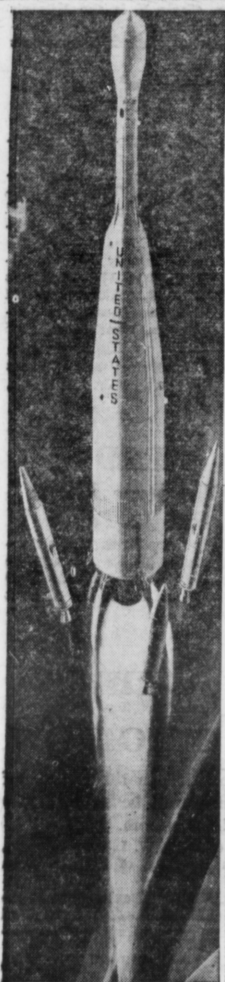
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Trendsetting Mrs. Kennedy To Fade To Background

By The Associated Press

With the flag from her husband's bier tucked under her arm, Mrs. John F. Kennedy lighted the torch of eternal light and walked away from the crowds into private life.

Did the grieving First Lady with this gesture also relinquish her role as the nation's style and cultural pacesetter?

"She will always be a leader in my opinion in whatever she does, or wherever she goes," Oleg Cassini paid tribute to his beautiful client whose choice of simple, easy-fitting costumes have been followed by women around the world.

Yet Kenneth Battelle, the hair stylist who created a rage for bouffant coiffure by teasing and puffing the hair of trendsetting Mrs. Kennedy, hopes fervently that the curious, admiring eyes that have followed her so long will now turn away.

"Mrs. Kennedy has always had a deep respect for our rights of privacy," he says with great emotion. "We should grant her that respect now. She is my client, my friend, and a great, great lady. I love her."

Early in the presidential campaign, John Fairchild, editor of Women's Wear Daily, a powerful fashion trade publication, dubbed Mrs. Kennedy "Her Elegance." That title has remained with the majestic beauty. It's a title she cannot go back on, he says, because she has so much to contribute—"youth, glamor, culture."

"I think she will go on being a trend-setter because she has become a leader in her own right," Fairchild contends. The role self-consciously played was never of her own choosing but foisted on her by her own copyable good taste and intellect. But her self-consciousness is a part of her charm, he says.

Fairchild and Cassini, who

have sometimes disagreed, fully agree that Mrs. Kennedy was always above mere fashion.

"Mrs. Kennedy transcends the narrow point of view in fashion," said her couturier. "She was great in success, and she was great in tragedy. She is an example to all youth of what high morals and great character can achieve with dignity and heart."

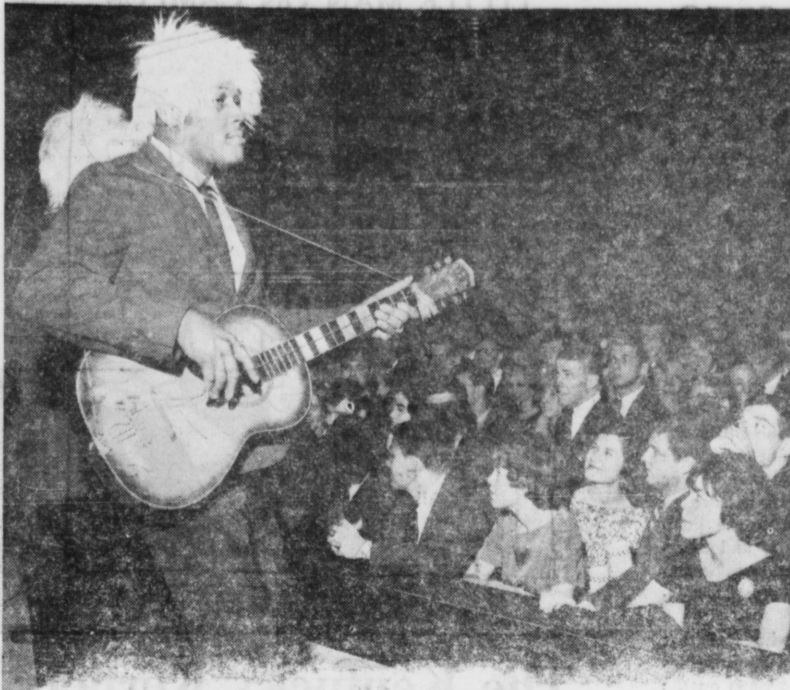
She is now a symbol to the American people, Cassini says, "a rallying point for everything." The usually witty, dapper designer with the continental manner said that he hopes to continue to have the privilege and the pride in working for her, Mrs. Kennedy was the first President's wife to select an official couturier.

Hopeful that the bereaved widow will eventually renew her interest and leadership in the arts is Henry F. Dupont, who, as chairman of the committee for White House restoration, worked closely with her.

"What she has done in the White House is absolutely marvelous. It was her idea, and everything that has been done is so well thought out," he says.

With August Heckscher as her cultural consultant Mrs. Kennedy sparked the nation's interest in good music and dance by inviting the country's talent to perform in the previously staid White House halls. "No one will ever be able to describe adequately what her tastes and discernment meant," he said. "She lent her brightness to the whole cultural world."

Of the patterns that President Kennedy's keen young wife set for the adoring, ever-imitating public—the people who worked with her closely agree—her courage, dignity and grace during her sorrowful departure from the White House was the greatest example of all.



It's The Beatles??

This was the scene at the Greek Week Dance Saturday night as the dancers took a break for the entertainment section of the dance. Ted Browne, a well known folk singer was also on hand for the occasion.

Hints For Male Trapping From A Real Authority

Editor's note—This article was written by the author of the best seller, "Sex and the Single Girl."

By HELEN GURLEY BROWN

It's leap year. Remember? Ever faithful to your needs, I have compiled a handy-dandy list of 13 days to propose to your man.

Bear in mind that even proposals from man to girl are not always straightforward, will-you or won't-you propositions. Sometimes the hint at marriage is so oblique that a girl is hard-put to decide if he did or did not suggest they get together for keeps. Several of these "proposals" from you to him are of a direct nature either. They will definitely give him the idea that you have marriage on your mind, however, and if he shows up for your next date, I think you can be reasonably optimistic.

(At his apartment) "Darling, you really do have the greatest Miles Davis collection in the world. Won't it be wonderful when I can nodd my Dave Brubecks to it and we can have a house full of music?"

(Consulting calendar at your apartment) "Harry, what are you doing June 19? If we happened to get married that weekend and took a two-week vacation, it would bring us into the Fourth of July holiday and we'd get three extra days."

"Isn't it just too good to be true we both like sailing. I was thinking we might buy that sloop you had your eye on. I'd put up half the money. I'm sure we're going to be involved in each others' lives (throw in a long slow look here) a very long while."

"I think it's wonderful that your dog and my cat get along so well together, don't you? Do you think they can ever both sleep in the same room or should we give Benji the backporch and Raffles to kitchen?"

"I'd love to go to Las Vegas with you Harry, but of course I wouldn't dream of traveling with a man I wasn't married to."

"I don't think men should ever help with the dishes or housework, do you? Oh, I know a lot of men do it, but I wouldn't want you and me ever to have that kind of arrangement, would you?"

"My mother and father don't really approve of you, darling, but I've told them I'm too old for them to have anything to say about the man I... well, the man I... I mean, the man I..." (He finishes the sentence.)

"Dearest, since Fred and Doris give you such a pain in the neck, I've decided we won't see them any more. I'd rather we made some new permanent friends together."

"Do you think we should have a baby... what I mean is, should any girl have a baby... the first year she's married?"

"I have to name a beneficiary for my life insurance policy at work pretty soon. I have no immediate family and it occurred to me that you... we'll, we're such good friends and seem to be seeing so much of each other..." (Stay off the end of the pier after this action unless you trust him completely.)

More Desperate Measures

"Johnny, I have to decide whether to renew the lease on my apartment for another year, or do you think I probably will be living somewhere else?"

"Dearest, there's a fantastic sale of Swedish chairs at the Furniture Fair this week. Should we drop by just to browse?"

"All right, Paul Applegate, I'll give you two more weeks to make up your mind!"

Meetings

Phi Upsilon Omicron

Phi Upsilon Omicron, national honorary professional Home Economics fraternity, will meet at 6:30 p.m. today in the lounge of Erikson Hall. The program will feature Miss Helen Wilmore professor of housing and home management who will review a trip to Europe.

SAM

SAM will meet at 7:30 p.m. today in the Student Center. Mr. Charles Pulley president of Irving Air Chute will speak.

UK Dames Club

The UK Dames Club will sponsor an art show at 7 p.m. tomorrow in the Dames Room of D Building in Cooperstown.

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The Right To Criticize

Criticism seems to be characteristic of the American way of life. All of us are prone to criticize the actions and beliefs of others, especially when they are concerned with issues of a controversial nature.

All too often, we criticize for a lack of something better to do, thus making much criticism superficial and without meaning.

This is likely to be the case with the march on Frankfort planned for Thursday. Undoubtedly, there will be many individuals—whether they are connected with the University or not—who will criticize those from the University who participate. Much of this criticism will probably arise solely from the fact that these people are connected with the University and for no other reason.

It is for this reason that we feel certain important aspects concerning those who are taking part from the University should be pointed out.

In the first place, those who will be going to Frankfort Thursday are in no way officially representing the University. The University, because of its position as a state-supported institution, cannot rightfully participate in such a demonstration. These people will be participating in the march on Frankfort simply because they want to and not because of any responsibility to the University.

Indeed, their participation is somewhat analogous to the student who spends his spring vacation in Florida. Just because he is there and just

because he wears a UK sweatshirt does not in any way mean he is representing the University. The University is not responsible for his actions and therefore cannot be criticized for them. The same holds true for the march on Frankfort.

Secondly, participation must be looked upon as an extra-curricular activity not in any way connected with the function or operation of this University. Those who will participate are doing so because of personal convictions which have nothing to do with their status as University students or faculty members.

There is no rule of the University that states students cannot participate in civil rights demonstrations. Nor should there be. In actions such as these they are not under the jurisdiction of the University and therefore the University should not be subject to criticism for their participation.

There are those who feel that participation in such demonstrations is wrong because their views on the civil rights issue are not in agreement with the marchers. To those we say you have a perfect right to criticize provided you limit your criticism to the individuals involved—treated as individuals without regard to any position they might hold—and their beliefs.

However, we would ask that you not criticize the University as a body since, as an institution it plays no role in the march on Frankfort.

LITTLE MAN ON CAMPUS



"SUPPOSE WE STEP AROUND TH' CORNER HERE AN' SEE WHAT'S AHEAD FOR YOU VOCATIONALLY?"

The Kentucky Kernel

The South's Outstanding College Daily
UNIVERSITY OF KENTUCKY

Entered at the post office at Lexington, Kentucky as second class matter under the Act of March 3, 1879. Published four times a week during the regular school year except during holidays and exams. Subscription rates: \$1 a school year; 10 cents a copy from files.

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Ford Foundation Describes Tomorrow's Colleges

NEW YORK — When Johnny Jones, now eight, goes to college 10 years hence, what will his learning routine be?

Educational Facilities Laboratories (EFL), a Ford Foundation research off-spring, has just released a detailed study called "Bricks and Mortarboard" which offers one view of the future:

Johnny will spend much of his college time in dim campus theaters where big-screen television will offer him educational films and lectures recorded by scholars at his own and other schools.

To study, he will go to a small booth called a carrel (a French word once applied to monk's cells) where he will be able to dial a "resource center" and summon learning material stored there on magnetic tape to his booth's small TV screen and audio system.

In the same booth he will be interrogated by a teaching machine, which will present questions on a panel before him, and his push-button answers will be fed to a central computer which will record his learning progress for university officials.

His contract with professors will come during small seminars and counseling sessions.

This vision of the future is not welcomed by some educators, who see in it the transfer of teaching responsibility from teachers to machines and to the technicians who will know how to operate the machines. But welcome or not, EFL sees it as largely inevitable. College enrollments in the U.S. are due to nearly double, to some 8.5 million students, in the next decade. With teachers already in short supply and funds for expansion of physical plants limited, EFL sees little alternative but to turn to teaching automation to handle the student load.

In fact, EFL's study supplies extensive evidence that its vision already is turning to reality as new campuses and additions to old campuses spring up around the country. "The revolution is not yet full blown," says James J. Morisseau, an EFL executive staff member who writes the foreword to the 166-page report. "But its advance guard has infiltrated the instructional front on many campuses. Television, electronic language laboratories, teaching machines and automated lecture halls already are to be found in some colleges

and more sophisticated developments are on the horizon."

For instance, eight electronic carrels are being installed experimentally at Chicago Teachers College-North, a two-year-old institution operated by Chicago's Board of Education on that city's north side. The booths will contain a set of earphones, a tape recorder, a small television monitor and a telephone-type dial. By selecting a number from a directory, the student dialer will be able to have tape-recorded instructional materials piped into his booth or to tune into a closed TV channel carrying instruction. His tape recorder will enable him to save some of the material and repeat it if he wishes.

Florida Atlantic University, due to open later this year at Boca Raton, north of Miami, will have 200 electronic carrels which are ultimately to be equipped so that students can respond to questions. Corrigan & Associates, a San Mateo, Calif., firm, already has developed a way to do this by "programming" questions into instructional tapes. To respond to the questions (usually multiple choice) the student presses buttons. A green light on his panel flashes if he answers correctly, red if he is wrong. He continues to press until he gets a green light but both right and wrong answers are recorded on IBM cards for grading.

More large lecture halls also will be rising on campuses. A huge lecture center, consisting of nine auditoriums seating from 75 to 500 students, will form the centerpiece for the \$150 million city campus of the University of Illinois taking shape in Chicago. New York's state university system is planning or building no fewer than 10 such centers. One, at Albany, will have 20 auditoriums accommodating from 60 to 500 students.

At University College, opened in 1961 by the University of Miami, a huge octagonal building contains six pie-shaped, 300-seat lecture halls, each focusing on a 10-foot-square viewing screen at its apex. In the central core of the building, professors present their lectures before TV cameras and technicians channel their programs to the proper hall, inserting film strips and other supplementary material. The lectures frequently are recorded on TV tape and played back for subsequent audiences.

Theoretically, a single professor at the

lecture center could speak to 1,800 students at once—within easy view of all—go on to other duties and have his lecture played back to successive groups of 1,800 later the same day. Some Miami professors enjoy returning to sit in on their own recorded lectures to observe student reactions and check flaws in technique.

However, some educators are apprehensive about the growing use of electronics. They fear that separating the professors from the students will destroy the personal contact that many educators hold to be vital to the learning process. No doubt some teachers also are concerned that they will be replaced by the tape-recorded lecture.

But advocates of the new techniques contend such fears are largely unfounded. They argue that with the enrollment load colleges face, the institutions will be able to use all the professors they can find and a heavy investment in electronics as well. They point out that most colleges plan to supplement electronic teaching with more frequent individual counseling of students by professors and with professor-conducted seminars for groups of students that would be even smaller than classroom groups today. A new learning center at Stephens College in Columbia, Mo., supplements large lecture halls with 67 faculty offices designed to do double duty as small seminar rooms seating six to eight students. Electronic instruction will free professors from routine lecturing, paper grading and other chores for more creative teaching in small discussion groups, proponents contend.

It also is argued that large lecture groups are inevitable anyway and this kind of teaching can best be done by TV. A student at the rear of a 500-seat auditorium might have trouble seeing what a chemistry lecturer is doing with his test tubes down front but a close-up camera shot of the experiment projected on a 10-foot-high screen is easily visible. And a history lecture supplemented with a filmed sequence showing Hitler's march into Poland is likely to be far more meaningful than a live professor's discourse on the same subject.

Electronics advocates further contend that with available knowledge expanding at an almost explosive rate—technical

papers alone published around the world number one million annually, according to one estimate—students will need better ways of obtaining information if they are to get an adequate understanding of their fields in four years.

One educational researcher foresees regional information centers where optical scanners and digital computers will catalog, digest and store vast amounts of information from books, periodicals and reports. Universities and secondary schools linked to the centers with data transmission lines would be able to "retrieve" information they need from a resource far broader and presumably easier to use than their own libraries.

Some educators fear that the new techniques will, in effect, automate the student, feeding him too much information and very little understanding of it. But there also are arguments that the conditions of the future will force a return to individual initiative and self-education. Since the student will spend less time in the classroom, he may have less supervision. He may be freer to move at his own pace, since he will not be so closely tied to classroom routines. He may have to waste less time with professors who have little to offer him or can't convey their knowledge.

One question in the minds of some educators is whether students will accept the added responsibility for self-education. Carrels are sometimes called "Q" for "quest" spaces. At one college where such spaces are being tried, officials have been a bit disappointed that the amount of student "questing" is less than they had hoped. No matter how much the access to knowledge is eased, they note, someone still has to go after it.

—From The Wall Street Journal

Kernels

Springs are little things, but they are sources of large streams; a helm is a little thing, but we know its use and power; nails and pegs are little things, but they hold the parts of a large building together; a word, a look, a smile, a frown, are all little things, but powerful for good or evil. Think of this, and mind the little things.—Hillis.

Constitution Changed

IFC To Begin Reorganization

By KENNETH GREEN
Kernel Staff Writer

In a recent interview, Assistant Dean of Men Fred Strache outlined some of his distinctive ideas about the University fraternities.

"Today," he said, "fraternities definitely play a different role. In the '40's and '50's they served as the vehicle for the social life for the University."

"They are still called 'social fraternities,' but social life isn't their primary purpose any more."

"Forward-looking fraternities," he said, "are complementing academic life at UK. They are presenting a unique vehicle to carry out academic and cultural programs, as well as social events."

He said the social aspect of fraternities is being drawn into perspective. It is being recognized as a necessary part, but not as the only part.

"One of the changes that has to be made," he said, "is switching emphasis from freshmen and sophomores to juniors, seniors, and even graduates."

"I would like to see more fraternities initiate more graduate students," he added.

"I don't think administrators in the past have thought this (change in fraternities) could come about as strongly as I have."

"Changes take time, and this programming will take time if we are to have a lasting program."

He stressed the fact that time is all-important in changing the system to meet the "fast pace the University is setting."

"UK has changed—and is still changing—from the 'Country Club of the South' to a leading academic university. It's the same way with fraternities. It takes a long time, but I think we're on our way."

He stated that there is a "wide divergence among the 19 fraternities," and that it will take "two or three years to make the transition from strictly social to

part social and part academic."

Strache checked off some critical problems that fraternities are now facing.

One of the big problems he cited was the old concept of fraternities which lingers among older members. "It's hard," he said, "to change old traditions and ideas."

Another problem is pledgeship, on the part of both actives and pledges. The University outlawed such things as hazing and "hell week" several years ago, he said, but their offspring still haunt the fraternities.

"Housing is still a problem," he said. "It takes time to get complete housing. We have two new houses under construction and six more in the planning stage. But it will still take at least two years to finish this."

Commenting on reorganization plans of the Interfraternity Council, he said the new IFC will be a vehicle for study. It will study students' problems and try to make decisions to correct them.

There's been a lot of talk in the last few years about the mortal danger in which fraternities find themselves.

Strache agreed that "some fraternities are in danger and may not be able to cope with the problems. But certainly not all of them," he added.

"The old concept of fraternity is doomed to die, but the system itself certainly isn't."

Strache also spoke of the "eternal strife" between independents and Greeks.

The ill will, he said, is "a failure on my part and the fraternities' part to show the good side of the Greek system to the independents."

"I'm not saying the fraternity system is all peaches and cream," he continued. "There are bad parts, and they have to be cut out. But I think the good fraternities do far outweighs the bad."

Moving to the question of probation, he said, "I don't feel that the grade point standing now required by the IFC and the University is necessarily indicative of their scholastic attainment."

"It's certainly one measure, but curtailing the social life of the fraternities isn't the answer."

"The answer is to couple the grade point average with some other criterion, in order to say the group should be on probation."

Summing up his opinion on the subject, Strache said, "I don't think you can really show a definite correlation between fraternity parties and the grade standing."

"I think this idea of open pledging is definitely a good thing," Strache commented.

"It is one indication that the fraternity system is maturing," he continued, "in that those who want to pledge a fraternity will and can join anytime."

He said that the previous method was mainly for Interfraternity Council administrative expediency. In the past all fraternity pledges were presented to the IFC on one day.

The new system, which allows open pledging from now until one week before final exams, was initiated for this semester only. Strach said he thought it was a

good idea, but he doubted that it will be continued in the future.

The system has been tried before because of the relatively low number of pledges taken in one semester. Before now, however, open pledging had been extended to only selected fraternities. This semester it is open to all.

"I'll be surprised if we don't get at least 30 new pledges before it's all over."

In its regular meeting Jan. 30, the IFC passed a proposal to accept suggestions by a committee to reorganize the council.

These suggestions were passed in the last IFC meeting. The amendments actually reorganize the IFC and comprise almost an entirely new constitution. The new constitution will go into effect immediately.

Commenting on the act, Assistant Strache said the new system would "approach problems more academically."

"Basically," he said, "it will attempt to get complete and consistent representation in the IFC. One man from each fraternity will serve for an entire year."

Under the old IFC organization, the presidents of fraternities represent their groups in the council. One drawback was that nine University chapters elect their presidents twice a year.

When a new president was elected, he spent time needlessly familiarizing himself with the way IFC functions. The new system will alleviate this inducement to wasted time.

Another problem of the old makeup of the council, Strache said, was the large number of members in IFC. The new system will reduce the number of representatives.

Indirectly listing another problem of the present system, he said, "We would progress from strictly an administrative council to a study group. We would study all student life, on the campus and off, not just fraternity problems."

Work under the old system fell mainly upon the president and other members of the executive council. Work in the new system will be handled, for the most part, by committees.

"We think this system would be able to spread the responsibility," Strache said. "Making good use of committees has always been sound administrative policy. We want to make better use of our committees under this new system."

Strache said IFC will meet "at least twice a month," instead of once a month as it now does.

University Of Minnesota

State Senate Group Holds Investigation

By SALLY ATHEARN
Kernel Staff Writer

Are American leaders and American institutions about to become targets of a nationwide attack?

Recent criticism at the University of Minnesota of academic freedom and of faculty members seems to indicate the presence of a broader plan, according to Minnesota Prof. Arnold Rose.

Rose, a professor of sociology, is currently involved in a libel suit, the outcome of which, he feels, could threaten to undermine the reputation of the University in the eyes of the nation.

The professor has recently instituted court action against two members of an organization called Christian Research, Inc., charging that they called him a "Communist or Communist collaborator."

A state representative, Rose says the fact that charges were made against him as a professor at the University of Minnesota, and not as a state legislator, illustrates an intent to discredit the university as an institution.

As an outgrowth of Rose's suit, the Minnesota State Senate has formed a subcommittee to investigate University hiring, firing, and conduct rules.

"The investigating committee is one of the oldest devices of those who wish to undermine public confidence, as Sen. Joseph McCarthy so clearly demonstrated a decade ago," said Minnesota Attorney Gen. Mondale when questioned about the university situation.

So it seems everyone wants a

voice in the dispute; it has grown far beyond the single sociology professor.

Government, educators, faculty, students—all are taking stands on the question, the answer to which could affect the reputation of the University of Minnesota, and perhaps the whole American education system.

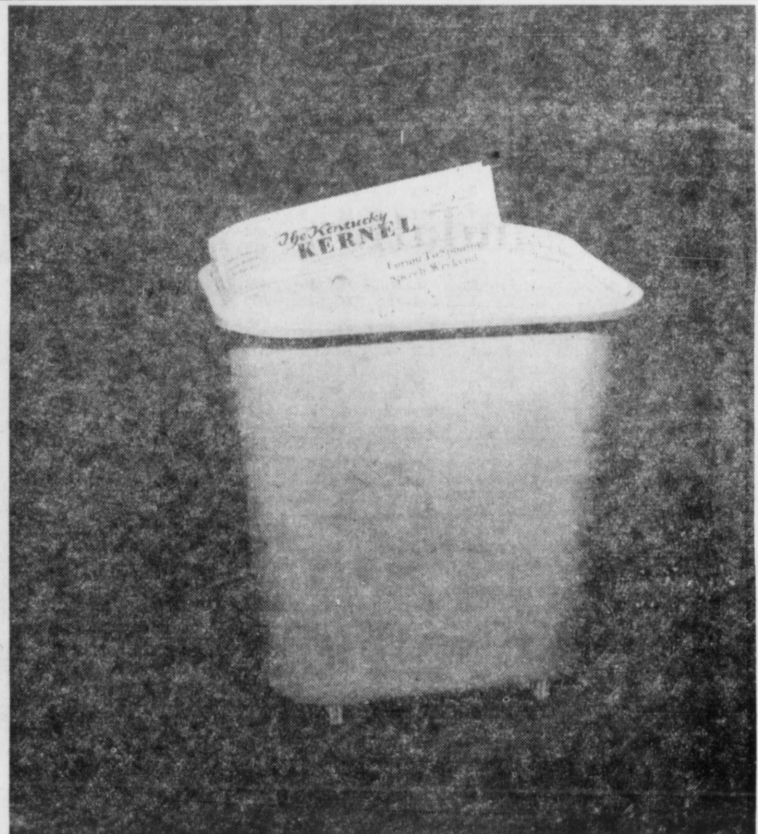
"In putting the University on trial, the Minnesota Senate is doing the same to itself," said Minnesota Gov. Karl Rolvaag. The governor said that the Minnesota Board of Regents has agreed to cooperate fully in the probe, and that the Senate must now prove its responsibility.

The Board of Regents stands behind the university as evidenced by their statement on academic freedom issued in December.

"Our university is one of the most productive and respected in the world—its integrity must be preserved."

The Regents Board and the State Senate subcommittee will, according to reports, "seek to determine whether or not there are standards for the employment of staff and recruiting procedures, rules and regulations about how people make application for employment, and how somebody makes application to terminate employment."

The faculty of the University of Minnesota formed a Faculty Legal Protection Committee on the same day Prof. Rose instituted action in his libel suit. Dr. Harold C. Deutsch, chairman of the History Department at Minnesota and head of the committee, said that the impulse for forming the group was provided only in part by Rose's suit.



Stale.

It took a while for yesterday's news to end up in the wastebasket. Left its newsrack via student 8:56 a.m. Taken to sorority house 12 noon. Read by house-mother at 1:15 p.m., again by visitors at 7:30 p.m. Used as lining for wastebasket 10:13 next morning. Bad ending? Not at all. There's a fresh Kernel in the racks today.

Our circulation potential is unlimited.



Press Box

By Wally Pagan

Sticks and stone may break my bones . . . but so will knitting needles, clenched fists, and big thick books.

If you want to be pounded on the back, have your hair pulled, get sore ears from someone yelling in them, or have a blood shot eye from a nice petite coed poking you with her knitting needle, then go to a sorority house to watch the next Kentucky basketball game. (It will have to be in the tournament).

I had occasion to watch the Kentucky vs. Tennessee Vol basketball game on TV Saturday at the Delta Gamma Sorority House, and this describes much of the action.

With every Kentucky basket some new casualty would occur. The excitement of the girls was overwhelming. They would pound on each other after a basket, give a cheer in the ear, or merely pull on the hair of the girl in front.

Yes sir, for real basketball entertainment, see your next basketball game at a sorority house. The entertainment on the screen may play second fiddle to the actions in the house.

The Wildcats bade farewell last night to five fine seniors playing in their last varsity game. I'm sure the fans will join in with me in giving the boys a hand of appreciation for the great job they have done for the University.

So long to George Critz, Tom Harper, Chili Ishmael, Ted Deeken, and last but not least, Cotton Nash. They have all played an important part in making Kentucky a conference champion for the 21st time.

X marks the spot. Look carefully over the latest edition of the conference standings and you'll find that X is the big letter. That X which stands next to the name KENTUCKY officially makes them the SEC champs for the 1963-64 season.

SEC Standings

Team	W	L	Pct.	W	L	Pct.
*KENTUCKY	11	3	.789	21	3	.875
Georgia Tech	9	5	.643	17	9	.654
Tennessee	8	5	.615	15	8	.652
Louisiana State	8	6	.571	12	13	.480
Vanderbilt	8	6	.571	19	6	.760
Georgia	8	6	.571	11	14	.440
Auburn	7	7	.500	12	11	.522
Mississippi	7	7	.500	10	12	.455
Alabama	7	7	.500	14	11	.560
Florida	6	7	.462	12	9	.571
Mississippi State	4	10	.286	9	17	.346
Tulane	1	13	.077	1	22	.045

* Clinched conference championship.

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Mile Relayers Have Problems; Harriers Place In One Event

By CARL MODECKI
Kernel Campus Editor

The University's Track team placed in only one event and its highly rated mile relay squad ran into "problems" in the first Eastern Regional UCAA Track Meet in Louisville, Saturday.

All was not lost, however, as four of five men qualified for the finals in this national meet.

Walt McGuire, a junior from Somerset, placed third in the 60-yard high hurdles. Getting out of the blocks slowly, McGuire made a last instant plunge to capture the third position.

The "problems" of the mile relay team were two. Two runners, John Knapp and Jim Gallagher, were in the finals of the 1,000-yard run just 15 minutes prior to the relay event. The lack of a rest period caused the two to have their worst times of the

year.

The other "problem" the thin-clads ran into was a world's indoor record set by Maryland State. In posting the record time of 3:11.2, the relay team put Maryland State on the map. For those who haven't heard of Maryland State, it has 510 students and is located in Princess Anne, Md.

UK's time in their heat of the relay was 3:23. They ran 3:25.9 in setting an SEC mark two weeks ago. At Ohio State three weeks ago, they ran 3:21.0.

Track coach Bob Johnson, said he was much pleased four of five men qualified in a national meet. "We could have done better in the relay if the boys had not had to run previously, but one they qualified I couldn't ask them to scratch themselves from the finals of a national meet."

The other qualifier was John Cox, from Casey, Ill. He placed sixth in the finals of the 600-yard run.

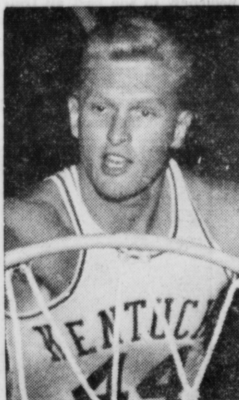
Coach Johnson is going to shake-up his relay team a little this Monday when the team enters the U.S. Track and Field Indoor Championships in Milwaukee. Cox, Billy Arthur, and Knapp will be joined by McGuire so that all four will have plenty of rest.

UK will enter Arthur in the 500-yard run, and Cox in the 600-yard run, but these will be run early in the evening. Gallagher will be entered in the half-mile.

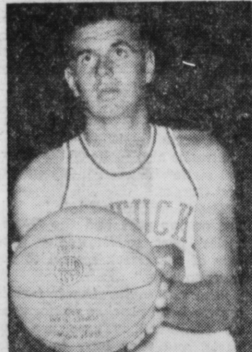
A disappointing crowd of 1,200 was on hand in Louisville. Snow in surrounding areas resulted in many performers failing to appear for the meet.

Gary Gubner, one of the better shot putters in the U.S., did not appear because of a back injury suffered Thursday in New York.

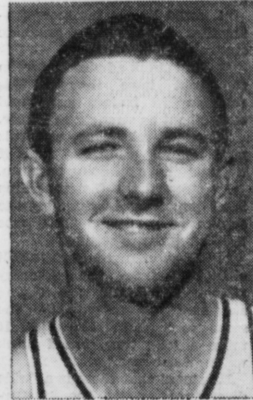
Pole vaulter John Pelses cleared 16-1/2 in his specialty to delight the small crowd and 135 athletes from 22 colleges who were on hand.



COTTON NASH



CHILI ISHMAEL



TOM HARPER



GEORGE CRITZ

UK Seniors Bow Out

These five seniors made their last home appearance in a Kentucky uniform at the Coliseum last night for the St. Louis basketball game.

Cotton Nash is a three time All-American from Leominster, Mass. He has started during all three years of his varsity career and was just a few points shy of being the all time highest scorer at the University before last night's game.

Nash has also been the SEC Player of the Year two of the three years he has played.

Charles 'Chili' Ishmael has also had a big three years. He pulled down a starting job last season and has seen much action on this year's conference championship team as a fill-in at guard and in the front court. He is from Mt. Sterling.

Tommy Harper and George Critz have seen only reserve roles while here, but they have been invaluable to the team. One of



TED DEEKEN

their many jobs has been prepping the starters for games by running the oppositions offensive and defensive patterns. Critz hails from Bellbrook, Ohio and Harper is from Winchester.

Ted Deeken is co-captain of this year's team along with Nash. Deeken played high school ball at Louisville Plaget. He earned a starting berth last season and has added All-SEC honors plus honorable mention All-America.

We're Goin' To Kansas City

Sloooow! Nash Plays Decoy Role For Vols

By GARY HUDDLESTON
Kernel Sports Writer

Kentucky captured its 21st Southeastern Conference championship at Tennessee and an automatic bid to the NCAA Saturday by whipping the Vols 42-38.

Tennessee's slow, stalling offense held the score very low, especially in the first half, and their concentrated defense on Cotton Nash held the Cat star to a decoy role, with only five points for the night.

The decision clinched the SEC title for the Wildcats, who finished with an 11-3 conference record, well out of reach of the closest contender, Georgia Tech, who has four losses.

The Vols set the pace of the game early, with a 10-minute period of almost complete inactivity. Tennessee led at this point 7-3, on a three-point play by center A. W. Davis.

The Vols pushed their lead to 12-8 with about six minutes left before guard Tommy Kron sparked a brilliant Wildcat rally.

A three-point play by Kron, after free throws by Conley and Mobley, pushed the Cats ahead, 15-13. A steal and a layup, followed by an outside jumper from Kron, boosted the Wildcat lead to 19-13 going into the half.

Kentucky never trailed in the second half, although a Vol rally in the closing minutes put the Tennesseans within two points.

The rally started as Deeken and McIntosh exchanged blows under the Vol basket and resulted in a double technical foul and the ejection of both players from the game.

The Vols gained one point on the technicals and a personal on Deeken, and this was bolstered by back-to-back field goals by UT guards Schulz and Robinette.

However, the Wildcats held on, mainly by way of free throws in the closing minutes, and the race was over.

Kron was high for the Wildcats with 17, while Davis with 12 and Schulz 10 topped the Vols' scoring.

Bradshaw Adds Two More To 1964 Freshman Crop

Kentucky's selective football recruiting pace picked up steam today with the announcement by Head Coach Charlie Bradshaw of the signing of a second outstanding schoolboy prospect within 24 hours.

The latest candidate for the 1964 UK Kitten squad and subsequent Wildcat varsities is Edward Strazalkowski, a six-foot and 186-pound linebacker, guard and end from Dearborn, Mich.

Strazalkowski, whose difficult-to-pronounce name is bound to give Kentucky fans and radio announcers considerable trouble, starred during a five-year prep football career at Dearborn Salesian High School and picked up acclaim as an honorable mention All-State choice in Michigan last season. The 17-year-old youth was coached at Salesian by Frank Buford and his team, the Knights posted consistently good records

in tough divisional play.

Kentucky Assistant Coach Ray Callahan, who accomplished the signing of the seventh out-of-state recruit selected by the Wildcat coaching staff, said Strazalkowski is rated as "an excellent pulling guard offensively and his game performances as a defensive linebacker also impressed scouts." Callahan added that the boy "loves to play defense and tackle."

A fine student off the football field—ranking eleventh in his class of 103—Strazalkowski plans to prepare for a career in education or business at UK.

Earlier, hometown product Tommy Borg of Lexington Lafayette High was personally signed to a Wildcat grid grant by Coach Bradshaw. Borg is an All-State halfback who netted 1,430 yards in his final schoolboy campaign and averaged 8.9 yards per carry.

The 17-year-old speedster stands 6 feet and weighs in at 175 pounds. Borg covers the 40-yard

dash in 4.8 seconds.

The local youngster played five years of football at Lafayette while lettering three times. He set a school record by scoring five touchdowns against Desales High School in Louisville.

Oral Exam

The final oral examination of Mr. James S. Evans, candidate for the Ph.D. degree in Animal Science, will be held at 1:30 p.m. tomorrow in Room 212, Cooper Dairy Products Building. The title of Mr. Evans' dissertation is "Use of Oral Progestogens for Synchronizing Estrus in Ewes and as a Pre-treatment to Pregnant Mare Serum for Inducing Estrus and Ovulation in Anestrous Ewes."

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GENERAL DYNAMICS | FORT WORTH **GIIMMID**

—But First, To Minneapolis

Trimester Becomes More Popular

By LINDA MILLS
Kernel Staff Writer

The ever-increasing number of college enrollments has led many colleges to adopt a year-round calendar of operation to better handle the student load.

Most of the year-round operations, either the trimester or the four quarter system, have not been in operation long enough for a statistical analysis of the results, but one fact is evident: year-round calendars have an effect in altering the work of the student, faculty, and administration.

W. Hugh Stickles and Milton W. Carothers, professors of higher education at Florida State University (which recently adopted a trimester plan), suggest several educational and administrative advantages of the year-round calendar.

Knowledge is expanding at a rapid pace. A year-round calendar gives an institution more time to deal with it effectively.

Graduate and professional curricula are getting longer. The year-round calendar offers students the opportunity to shorten training time.

With a year-round program students can get both general and liberal education in the time previously devoted to one.

A year-round study program tends to create greater seriousness on the part of the student.

They see administrative gains, also, in better handling of the new wave of students, better use of physical facilities, overcoming faculty shortages, and an eventual saving of money through quicker return of capital outlay on dormitories, classroom space, and other facilities.

Stickles and Carothers recognize four types of year-round programs as follows:

1. Two semesters plus a short-term summer session.
2. The four term or quarter system.
3. The four term calendar giving semester credit. (Under this program the student attends daily 75 minute classes for 10 weeks and is given credit equal to that on a semester system. Pennsylvania State University operates under such a plan.)
4. The three trimester system, consisting of three 15-16 week terms.

Disadvantages of a year-round calendar affect administration, faculty, and students.

Administration officials would

be faced with handling an extra registration and grade tally session, having students on campus at all times (making construction, repairs, and repainting more difficult), and recruiting faculty and students for a profitable summer session.

Faculty will not be able to do summer graduate work, may find summer schedules interfering with individual research, and may find work load intensified with conflict over what period should be considered a year's work load.

Students may encounter difficulties in transferring between

institutions on different calendars, adjusting to the pattern of year round attendance, possible conflicts with extracurricular activities, and individual financial problems, involving more fees per 12 month period and lack of summer employment time.

Financial considerations are perhaps the major stumbling block for some institutions considering conversion to year round calendars. Legislative appropriations and other financial backing would have to be increased to cover immediate expenses of increased faculty salaries and operating expenses.

UK Television Program In Dentistry Is Unique

The University College of Dentistry is the only dental school in the country to use closed-circuit TV in its education program.

The Medical Center boasts a unique lecture room designed by Dr. Michael T. Romano, chairman of the Television Committee at the Med Center. The room features what Dr. Romano calls a "visual public address system."

Equipped with the usual dental teaching aids—slides, projector, dental chair, demonstration table—the "Tela-Lecture Room" has a closed-circuit TV operation involving several cameras and monitors.

The instructor may thus show a single, intricate procedure to the entire class by performing it once in front of the TV cameras (which are capable of great magnifications). Previously, dental instructors relied on individual or small-group education.

The Tela-Lecture Room allows the instructor to remain in the room with the students and to answer questions. Dr. Romano feels that the importance of the personal element in education was underestimated and thus neglected in the previous television-studio methods.

Miniature monitors placed over the dental demonstration chair and table (where the cameras are) allow the instructor to see what the students are seeing on the monitors.

The TV set-up is placed on a stage in the front of the lecture room, and may be closed off by a screen when not in use. Blackboards in front of the screen slide back into the walls when the screen is opened.

Dr. Romano, whose main pro-

fessional interest is in medical television, has great hopes for the new procedure. Several other dental colleges are now embarking on the Tela-Lecture Room project, but Dr. Romano says that UK is still the one and only school with an actual operating system.

Educational TV such as this holds great potential for other areas as well, Dr. Romano said.

UK Personalities

Dean Marcia Dake of the University College of Nursing attended a workshop on nursing education Feb. 24-25 in Atlanta, Ga.

The meeting was one in a series of "task force" conventions sponsored by the Southern Regional Education Board in an effort to upgrade nursing education and research. Dean Dake's group was concerned with developing guidelines for planning within states for collegiate nursing education.

Aaron Beckwith, television program supervisor and vice president of Batten, Barton, Durstine and Osborn, Inc., a New York advertising agency, spoke to two classes in the University Department of Radio, Television and Films last Thursday.

He spoke on "TV Trends" to an advertising class at 9 a.m. and to an announcing class at 10 a.m.

Before taking his present position five years ago, Beckwith was vice president of the Music Corporation of America and program sales manager of the American Broadcasting Company.

Beckwith has been cited by Syracuse University as the "Alumnus Who Has Done Most For The Field of Communications."

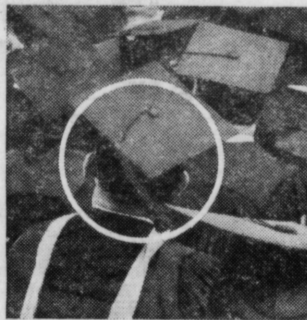
Robert Mack Gillim, president of Brighton Engineering Co., Louisville, has been selected by the University Department of Civil Engineering as its alumnus of the month.

The 43-year-old executive, who received his civil engineering degree at UK in 1948, heads a firm which provides engineering design and supervision for construction of highways, bridges, airports, and water and sewage treatment plants. Among its major recent projects are the Western and Central Kentucky parkways.

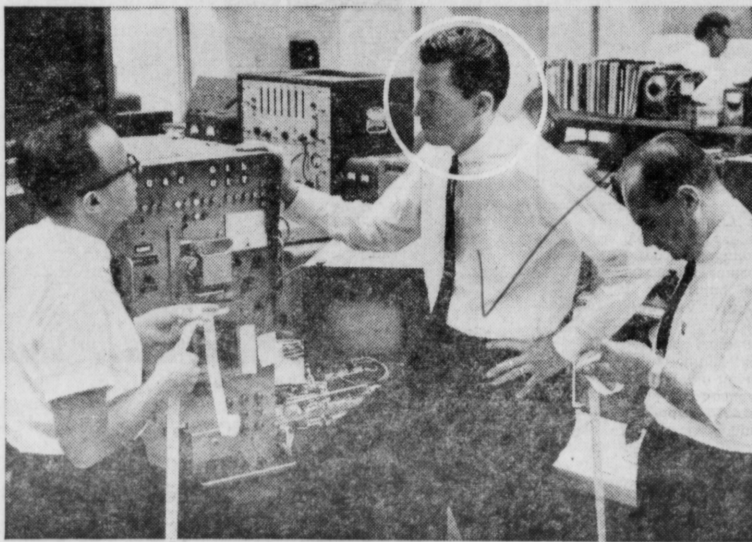
Dr. Aubrey J. Brown, chairman of the University Department of Agricultural Economics, participated in the Symposium on Employment, scheduled in Washington, D. C., on Feb. 24, under the sponsorship of the American Bankers Association.

President Lyndon B. Johnson was invited to address the assembly which included about 300 of the nation's leaders in finance, business, labor, agriculture, education and observers from government.

A year ago, the ABA sponsored a symposium concerning economic growth. The proceedings of the event are reportedly finding extensive usage in colleges and universities in this country and abroad.



John Lauritzen wanted further knowledge



He's finding it at Western Electric

UK's New Arm Tray To Help Dentists

Dr. Michael T. Romano, chairman of the Department of Operative Dentistry at the UK School of Dentistry, has an invention that may make trips to the dentist more pleasant, if not more painless.

With Dr. Romano's new "floating bracket tray," dentist can now move that frightening array of instruments out of sight, or practically any place else in the room he wishes to take it.

The free arm on the chair moves up, down, sideways, and diagonally. The arm was invented to fulfill a need created by "sit-down" dentistry and by the fact that most dentists at one time or another must work without assistants to handle instruments.

The movable arm allows the dentist to reach his equipment wherever he happens to be, and is equipped with a removable operating tray.

Dr. Romano has substituted a full-size metal tray for the small, round ones customarily used, for maximum efficiency and use of space.

The tray may be completely removed and sterilized, or, if the dentist is working with an assistant, instruments for different stages of the procedure may be grouped together on different trays, one being removed for replacement with the next.

The idea for the floating bracket tray came to Dr. Romano in 1961 when, as part of a 5-man crew, he was involved in furnishing the dental wing of the new Medical Center.

The idea was then submitted to dental manufacturers, and two of the three leading companies adopted the idea immediately, and have since adapted it to suit themselves. One manufacturer has so improved upon the floating tray idea that the drills now float, too, instead of being part of the main chair-side unit.

Dr. Romano came to UK in 1961 from the University of Pennsylvania. He is a native Philadelphian, is married, and has three children.

Besides being a department head, Dr. Romano is the originator of the Tela-Lecture Room (closed-circuit TV). He is chairman for the Equipment Committee for the Medical Center, and chairman of its TV Committee. He has had several publications in various national dental magazines.

When the University of Nevada awarded John Lauritzen his B.S.E.E. in 1961, it was only the first big step in the learning program he envisions for himself. This led him to Western Electric. For WE agrees that ever-increasing knowledge is essential to the development of its engineers—and is helping John in furthering his education.

John attended one of Western Electric's three Graduate Engineering Training Centers and graduated with honors. Now, through the Company-paid Tuition Refund Plan, John is working toward his Master's in Industrial Management at Brooklyn Polytechnic Institute. He is currently a planning engineer developing test equipment for the Bell System's revolutionary electronic telephone switching system.

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